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MISSOURI AREA LABOR TRENDS

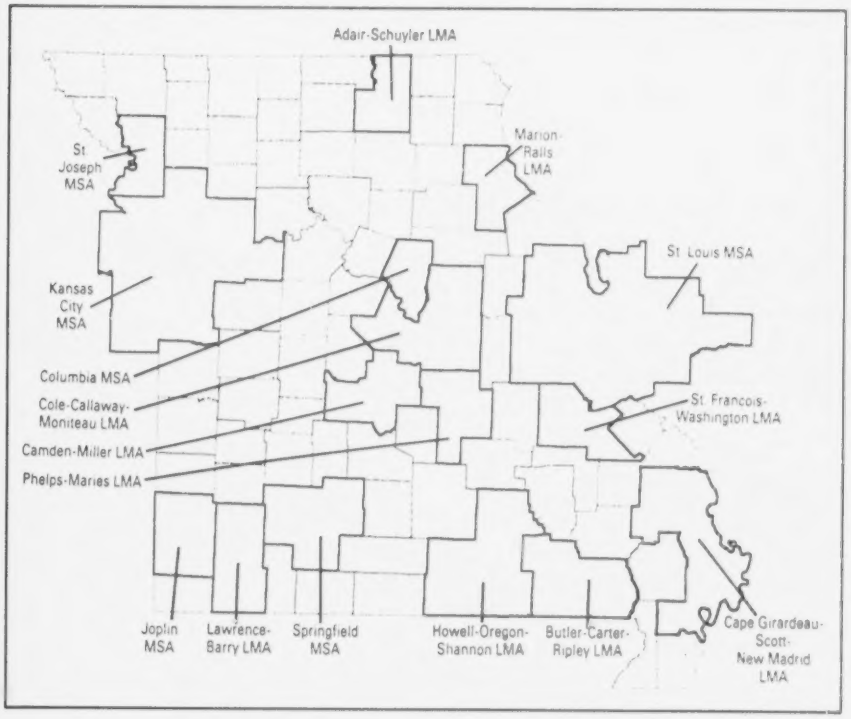
January 1994
Data

MISSOURI MI

A Monthly Review of Labor Market Information

Significant Data Changes

Significant changes to the data published in Missouri Area Labor Trends have taken place, effective with this issue.



The regular annual benchmark revisions to Nonagricultural Wage and Salary Employment and Production Workers Hours and Earnings data have been made and are reflected in the data contained in this publication. Historical revisions are available on request.

The main changes, however, have taken place in the labor force data program. They include:

- New Metropolitan Statistical Area (MSA) and Labor Market Area (LMA) definitions. See map at left.
- Incorporation of commuting data and other factors from the 1990 Census into the estimating process.
- Implementation of new models for estimating statewide labor force data.
- Significant changes in the Current Population Survey (CPS), which underlies statewide and, indirectly, substate estimates.

These changes are explained starting on page 2. Data comparability is described on page 3.

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Incorporation of Census Data

Various data from the decennial census are used in the labor force estimating process. One of the key types of data relates to commuting from one county to another; these commuting data allow us to adjust the place-of-work employment data to the place-of-residence concept inherent in the labor force data. The labor force data in this publication incorporate the 1990 Census data.

Past experience has indicated that substantial changes in inter-county commuting between censuses can result in large revisions in employment data. Since the revisions will only take place in data for 1990 and later years, there may be "breaks" in data series for some areas. This means that there could be relatively large differences between 1989 and 1990 data, which do not reflect differences in underlying labor market conditions. In these cases, data for 1989 and earlier years would not be directly comparable to data for 1990 and later years.

New Statewide Estimating Models

The Current Population Survey (CPS) is the national household survey which underlies statewide labor force estimates. Because of the small sample size, monthly estimates for Missouri and most other states are not sufficiently reliable to use directly. As a result, the monthly estimates have been made using statistical models which attempted to capture the underlying trend movements of the CPS while reducing the month-to-month irregularities which resulted from sampling error. Readers who have followed the analyses appearing in this publication are probably aware that substantial monthly variation still remained in the data.

A new generation of statistical models, which have been designed to reduce the "noise" (irregular movements) in the monthly data, has been introduced by the U.S. Bureau of Labor Statistics (BLS). Evaluations of these models indicate that they do a much better job of following the underlying trends of CPS data without showing the wide, irregular movements of many of the previous monthly estimates. The implementation of these models should produce consistently better data. The entire data series back to 1978 has been revised and is available on request.

The new models are significant not only for the statewide estimates themselves, but also for area estimates. Because of the additivity process, in which the substate area estimates are adjusted so that the sum of all areas in the state equals the independent state total, all areas are affected by the statewide estimates. In the past, the irregular movements in the statewide estimates introduced irregularities into the area data, which were often unexplainable.

The new models should significantly improve the quality of state estimates and reduce the irregular effect of statewide data on the substate estimates. It should be noted, however, that longer-run movements in the CPS data will continue to affect the data.

Current Population Survey Changes

The Current Population Survey is the nationwide sample survey of about 60,000 households which is conducted monthly. The estimates derived from this survey comprise the official monthly labor force data for the national total, and for 11 large states. The sample size is too

small to provide reliable monthly estimates for the remaining states, including Missouri. The CPS estimates still provide a major ingredient of the estimating models described above and still serve as the benchmark for annual average data.

Changes to the CPS survey take place from time to time, and the sample itself is revised following each decennial Census. Effective with the January data, a new CPS survey using revised questions and new enumeration techniques has been implemented. During the last half of 1993, a parallel survey using the new questions and techniques was conducted by BLS. Among the significant differences between the estimates from that survey and the CPS were higher levels and rates of unemployment in the new survey, especially for women, teenagers, and persons 65 and over. This appears to be associated with the elimination of an implicit gender/age bias in the previous questionnaire, which may have led certain workers to underreport marginal job search activities. In addition, new population controls based on the 1990 Census, adjusted for the Census undercount, were also implemented effective with the January estimates. These new population controls produced a higher estimate of the labor force. Because the estimated undercount was greater for some demographic groups with higher-than-average unemployment, measured unemployment appears to have increased slightly because of these changes. Counting the effects of the survey changes and the new population controls together, BLS estimates that the 1993 annual average unemployment rate for the U.S. would have been six-tenths of a percentage point higher had the new survey and population controls been used in 1993. Because of these differences, data beginning with January 1994 are considered not directly comparable to 1993 and earlier data. In other words, there is another break in the series.

Missouri data will probably be affected in a similar fashion, but the amount of the effect cannot be predicted. Through the additivity process, changes in statewide data will also affect data for substate areas.

Another CPS change effective with the January estimates is the introduction of the new CPS sample. This could have some unpredictable effects on the estimates and could introduce hard-to-explain movements over a period of time, as the new sample is being phased in.

Comparability and Availability of Data

Current Employment Statistics (Payroll Employment and Hours & Earnings Data)

Current employment statistics (CES) data for 1992 and 1993 have been adjusted to the March 1993 benchmark. Annual averages are shown on page 19. Other revised data are available on request.

The revised data include the new counties that were added to the St. Louis, Kansas City, and Springfield MSA's. In addition, employment data for 1988 through 1991 were adjusted to include those new counties. Production worker hours and earnings figures were not adjusted for years prior to 1992. Thus, there will be a small break in the employment series between 1987 and 1988 for the three metropolitan areas. A similar break occurs in the production worker hours and earnings data between 1991 and 1992.

Statewide Labor Force Data

The entire labor force series has been revised back to 1978. However, data for 1990-1993 have been adjusted to population controls based on the 1990 census, adjusted for the estimated census undercount. The effect of this adjustment has been to lower the estimates of the labor force, total employment, and unemployment from the previous levels. Thus, there is a break in the series between 1989 and 1990. However, the unemployment rate was not affected by the changes to the population controls, so there is a consistent 1978-1993 series for the unemployment rate. Because of changes in the CPS, 1994 data are not directly comparable to data for any earlier year.

Data are available on request.

(Continued on Page 18)

Civilian Labor Force, Employment, Unemployment and Unemployment Rates

County/Labor Market Area	Current Month - January 1994 (Preliminary)				Previous Month - December 1993 (Revised)				One Year Ago - January 1993 (Benchmarked)			
	CLF	Emp.	Unemp.	Rate	CLF	Emp.	Unemp.	Rate	CLF	Emp.	Unemp.	Rate
SEASONALLY ADJUSTED												
U.S. (000)	130,667	121,971	8,696	6.7	128,898	120,661	8,237	6.4	127,224	118,178	9,046	7.1
MISSOURI	2,667,359	2,523,848	143,511	5.4	2,660,774	2,488,121	172,653	6.5	2,644,215	2,487,010	157,205	5.9
NOT SEASONALLY ADJUSTED												
U.S. (000)	129,393	119,901	9,492	7.3	128,401	120,636	7,764	6.0	126,034	116,123	9,911	7.9
MISSOURI	2,637,707	2,475,914	161,793	6.1	2,645,966	2,478,629	167,337	6.3	2,614,907	2,439,271	175,636	6.7
METROPOLITAN AREAS (MSAs)												
ST. LOUIS	1,285,504	1,209,658	75,846	5.9	1,279,504	1,203,673	75,831	5.9	1,249,918	1,169,196	80,722	6.5
Franklin	42,944	39,783	3,161	7.4	42,035	39,183	2,852	6.8	41,925	38,338	3,587	8.6
Jefferson	93,903	87,569	6,334	6.7	92,042	86,248	5,794	6.3	91,547	84,387	7,160	7.8
Lincoln	15,385	14,022	1,363	8.9	15,198	13,811	1,387	9.1	15,146	13,513	1,633	10.8
St. Charles	128,562	122,067	6,495	5.1	127,333	120,225	7,108	5.6	124,344	117,632	6,712	5.4
St. Louis County	546,137	522,518	23,619	4.3	539,923	514,632	25,291	4.7	528,589	503,532	25,057	4.7
Warren	10,581	9,698	883	8.3	10,439	9,552	887	8.5	10,204	9,346	858	8.4
St. Louis City	173,469	159,627	13,842	8.0	172,990	157,218	15,772	9.1	168,112	153,827	14,285	8.5
KANSAS CITY	891,211	840,595	50,616	5.7	879,194	834,150	45,044	5.1	862,666	814,764	47,902	5.6
Cass	36,569	34,670	1,899	5.2	35,765	33,846	1,919	5.4	35,689	33,326	2,363	6.6
Clay	92,548	88,909	3,639	3.9	90,661	86,796	3,865	4.3	89,389	85,462	3,927	4.4
Clinton	8,500	8,009	491	5.8	8,304	7,818	486	5.9	8,428	7,698	730	8.7
Jackson	345,262	325,991	19,271	5.6	340,163	318,241	21,922	6.4	333,441	313,352	20,089	6.0
Lafayette	15,443	14,571	872	5.6	15,004	14,225	779	5.2	15,095	14,006	1,089	7.2
Platte	37,170	35,905	1,265	3.4	36,508	35,052	1,456	4.0	35,966	34,513	1,453	4.0
Ray	10,336	9,735	601	5.8	10,119	9,504	615	6.1	10,153	9,358	795	7.8
SPRINGFIELD	154,162	146,193	7,969	5.2	153,160	145,627	7,533	4.9	147,041	138,742	8,299	5.6
Christian	20,885	19,307	1,578	7.6	20,302	19,232	1,070	5.3	19,783	18,323	1,460	7.4
Greene	121,182	115,533	5,649	4.7	120,898	115,086	5,812	4.8	115,662	109,645	6,017	5.2
Webster	12,093	11,353	740	6.1	11,962	11,309	653	5.5	11,596	10,774	822	7.1
JOPLIN	69,886	66,131	3,755	5.4	70,245	66,232	4,013	5.7	71,642	67,618	4,024	5.6
Jasper	46,643	44,049	2,594	5.6	46,920	44,117	2,803	6.0	47,816	45,040	2,776	5.8
Newton	23,242	22,082	1,160	5.0	23,325	22,115	1,210	5.2	23,827	22,578	1,249	5.2
COLUMBIA	66,735	64,549	2,186	3.3	70,369	68,009	2,360	3.4	68,722	66,301	2,421	3.5
Boone	66,735	64,549	2,186	3.3	70,369	68,009	2,360	3.4	68,722	66,301	2,421	3.5
ST. JOSEPH	45,390	41,380	4,010	8.8	47,106	43,259	3,847	8.2	47,928	44,115	3,813	8.0
Andrew	7,057	6,531	526	7.5	7,269	6,827	442	6.1	7,437	6,962	475	6.4
Buchanan	38,333	34,849	3,484	9.1	39,836	36,432	3,404	8.5	40,491	37,153	3,338	8.2
LABOR MARKET AREAS (LMAs)												
ADAIR-SCHUYLER	16,689	15,985	704	4.2	16,183	15,426	757	4.7	16,424	15,606	818	5.0
Adair	14,320	13,788	532	3.7	13,865	13,306	559	4.0	14,077	13,462	615	4.4
Schuyler	2,369	2,197	172	7.3	2,317	2,120	197	8.5	2,347	2,144	203	8.6
BUTLER-RIPLEY-CARTER	23,455	21,305	2,150	9.2	24,748	22,586	2,162	8.7	24,483	22,213	2,270	9.3
Butler	16,914	15,464	1,450	8.6	17,782	16,394	1,388	7.8	17,524	16,123	1,401	8.0
Carter	2,214	1,968	246	11.1	2,370	2,086	284	12.0	2,327	2,052	275	11.8
Ripley	4,327	3,873	454	10.5	4,596	4,106	490	10.7	4,633	4,038	595	12.8
CAMDEN-MILLER	22,002	18,807	3,195	14.5	22,354	19,542	2,812	12.6	22,461	19,050	3,411	15.2
Camden	12,502	10,747	1,755	14.0	12,710	11,167	1,543	12.1	12,692	10,886	1,806	14.2
Miller	9,500	8,060	1,440	15.2	9,645	8,375	1,270	13.2	9,769	8,164	1,605	16.4
CAPE GIRARDEAU-SCOTT-NEW MADRID	68,669	64,166	4,503	6.6	70,214	65,292	4,922	7.0	70,868	65,552	5,316	7.5
Bollinger	4,469	4,152	317	7.1	4,562	4,225	337	7.4	4,700	4,242	458	9.7
Cape Girardeau	31,981	30,472	1,509	4.7	32,781	31,006	1,775	5.4	32,898	31,130	1,768	5.4
Mississippi	5,885	5,234	651	11.1	6,014	5,326	688	11.4	6,095	5,347	748	12.3
New Madrid	8,276	7,491	785	9.5	8,411	7,622	789	9.4	8,520	7,652	868	10.2
Scott	18,060	16,818	1,242	6.9	18,446	17,113	1,333	7.2	18,656	17,181	1,475	7.9
COLE-OSAGE	62,550	59,172	3,378	5.4	64,957	61,787	3,170	4.9	66,195	62,408	3,787	5.7
Callaway	16,927	15,953	974	5.8	17,724	16,659	1,065	6.0	18,013	16,826	1,187	6.6
Cole	33,002	31,602	1,400	4.2	34,428	32,999	1,429	4.2	34,938	33,331	1,607	4.6
Moniteau	6,214	5,695	519	8.4	6,422	5,947	475	7.4	6,616	6,007	609	9.2
Osage	6,406	5,921	485	7.6	6,386	6,183	203	3.2	6,630	6,245	385	5.8
HOWELL-OREGON-SHANNON	22,453	20,927	1,526	6.8	22,828	21,119	1,709	7.5	23,470	21,705	1,765	7.5
Howell	15,048	14,042	1,006	6.7	15,304	14,170	1,134	7.4	15,709	14,564	1,145	7.3
Oregon	3,803	3,606	197	5.2	3,904	3,639	265	6.8	4,019	3,740	279	6.9
Shannon	3,601	3,279	322	8.9	3,619	3,309	310	8.6	3,742	3,401	341	9.1
LAWRENCE-BARRY	26,722	24,880	1,842	6.9	27,626	25,543	2,083	7.5	28,096	26,094	2,002	7.1
Barry	12,655	11,843	812	6.4	13,204	12,158	1,046	7.9	13,267	12,421	846	6.4
Lawrence	14,068	13,037	1,031	7.3	14,422	13,385	1,037	7.2	14,829	13,673	1,156	7.8
MARION-RALLS	18,230	17,108	1,122	6.2	18,646	17,504	1,142	6.1	18,995	17,654	1,341	7.1
Marion	13,780	12,918	862	6.3	14,110	13,217	893	6.3	14,326	13,330	996	7.0
Ralls	4,451	4,190	261	5.9	4,536	4,287	249	5.5	4,669	4,324	345	7.4
PHELPS-MARIES	20,183	18,880	1,303	6.5	20,737	19,408	1,329	6.4	21,258	19,633	1,625	7.6
Maries	3,750	3,536	214	5.7	3,875	3,635	240	6.2	4,074	3,677	397	9.7
Phelps	16,434	15,344	1,090	6.6	16,862	15,773	1,089	6.5	17,184	15,956	1,228	7.1
ST. FRANCOIS-WASHINGTON	27,532	24,248	3,284	11.9	28,648	25,500	3,148	11.0	28,645	25,275	3,370	11.8
St. Francois	19,761	17,557	2,204	11.2	20,615	18,464	2,151	10.4	20,411	18,301	2,110	10.3
Washington	7,771	6,691	1,080	13.9	8,033	7,036	997	12.4	8,234	6,974	1,260	15.3

County/Labor Market Area	Current Month - January 1994 (Preliminary)				Previous Month - December 1993 (Revised)				One Year Ago - January 1993 (Benchmarked)			
	CLF	Emp.	Unemp.	Rate	CLF	Emp.	Unemp.	Rate	CLF	Emp.	Unemp.	Rate
OTHER COUNTIES												
Atchison	2,618	2,492	126	4.8	2,774	2,658	116	4.2	2,893	2,721	172	5.9
Audrain	10,772	10,143	629	5.8	11,400	10,710	690	6.1	11,550	10,852	698	6.0
Barton	5,882	5,644	238	4.0	6,106	5,855	251	4.1	6,238	5,981	257	4.1
Bates	7,200	6,646	554	7.7	7,429	6,848	581	7.8	7,693	7,035	658	8.6
Benton	4,979	4,413	566	11.4	5,382	4,832	550	10.2	5,467	4,739	728	13.3
Caldwell	3,349	3,111	238	7.1	3,448	3,190	258	7.5	3,667	3,357	310	8.5
Carroll	4,732	4,324	408	8.6	5,037	4,609	428	8.5	5,114	4,629	485	9.5
Cedar	5,062	4,745	317	6.3	5,108	4,812	294	5.8	5,196	4,833	363	7.0
Chariton	3,816	3,565	251	6.6	3,989	3,668	321	8.0	4,048	3,771	277	6.8
Clark	3,187	2,966	221	6.9	3,487	3,224	263	7.5	3,584	3,322	262	7.3
Cooper	7,753	7,209	544	7.0	8,020	7,434	586	7.3	8,157	7,586	571	7.0
Crawford	9,308	8,394	914	9.8	9,467	8,548	919	9.7	9,565	8,518	1,047	10.9
Dade	2,760	2,574	186	6.7	2,946	2,763	183	6.2	3,063	2,815	248	8.1
Dallas	5,521	5,099	422	7.6	5,873	5,361	512	8.7	5,883	5,296	587	10.0
Daviess	3,061	2,831	230	7.5	3,200	2,939	261	8.2	3,314	3,043	271	8.2
De Kalb	3,911	3,681	230	5.9	4,109	3,860	249	6.1	3,910	3,614	296	7.6
Dent	5,804	5,310	494	8.5	6,035	5,494	541	9.0	6,043	5,482	561	9.3
Douglas	5,518	5,132	386	7.0	5,655	5,237	418	7.4	5,728	5,321	407	7.1
Dunklin	12,919	11,763	1,156	8.9	13,202	11,902	1,300	9.8	13,355	11,984	1,371	10.3
Gasconade	6,384	5,932	452	7.1	6,734	6,247	487	7.2	7,017	6,272	745	10.6
Gentry	3,088	2,967	121	3.9	3,310	3,170	140	4.2	3,341	3,170	171	5.1
Grundy	4,715	4,453	262	5.6	4,884	4,579	305	6.2	5,115	4,819	296	5.8
Harrison	3,732	3,519	213	5.7	3,907	3,689	218	5.6	4,072	3,809	263	6.5
Henry	8,634	7,924	710	8.2	9,064	8,345	719	7.9	9,321	8,340	981	10.5
Hickory	2,378	2,150	228	9.6	2,562	2,322	240	9.4	2,636	2,371	265	10.1
Holt	2,592	2,434	158	6.1	2,741	2,596	145	5.3	2,708	2,537	171	6.3
Howard	4,678	4,427	251	5.4	4,583	4,342	241	5.3	4,643	4,367	276	5.9
Iron	4,153	3,710	443	10.7	4,116	3,655	461	11.2	4,213	3,731	482	11.4
Johnson	20,263	19,345	918	4.5	20,499	19,484	1,015	5.0	20,655	19,635	1,020	4.9
Knox	1,707	1,590	117	6.9	1,871	1,746	125	6.7	1,909	1,767	142	7.4
Laclede	12,829	11,768	1,061	8.3	13,047	11,956	1,091	8.4	13,160	11,950	1,210	9.2
Lewis	4,673	4,363	310	6.6	5,152	4,851	301	5.8	4,981	4,628	353	7.1
Linn	6,495	5,911	584	9.0	6,719	5,956	763	11.4	6,774	6,130	644	9.5
Livingston	6,535	6,169	366	5.6	6,826	6,425	401	5.9	6,852	6,424	428	6.2
McDonald	6,673	6,305	368	5.5	6,722	6,312	410	6.1	6,817	6,386	431	6.3
Macon	6,602	5,990	612	9.3	7,238	6,588	650	9.0	7,254	6,566	688	9.5
Madison	4,448	3,963	485	10.9	4,351	3,881	470	10.8	4,748	4,140	608	12.8
Mercer	1,983	1,822	161	8.1	2,208	2,050	158	7.2	1,823	1,723	100	5.5
Monroe	3,816	3,565	251	6.6	4,137	3,888	249	6.0	4,219	3,880	339	8.0
Montgomery	5,417	5,018	399	7.4	5,492	5,087	405	7.4	5,539	5,122	417	7.5
Morgan	6,677	5,953	724	10.8	6,863	6,186	677	9.9	7,212	6,340	872	12.1
Nodaway	11,478	11,130	348	3.0	12,443	11,835	608	4.9	11,879	11,338	541	4.6
Ozark	3,495	3,159	336	9.6	3,825	3,487	338	8.8	3,697	3,372	325	8.8
Pemiscot	7,039	6,211	828	11.8	7,581	6,670	911	12.0	7,829	6,742	1,087	13.9
Perry	9,746	9,128	618	6.3	9,511	9,014	497	5.2	9,928	9,350	578	5.8
Pettis	18,274	16,909	1,365	7.5	19,029	17,513	1,516	8.0	18,896	17,059	1,837	9.7
Pike	6,708	6,147	561	8.4	6,893	6,312	581	8.4	7,186	6,533	653	9.1
Polk	9,762	9,227	535	5.5	10,395	9,774	621	6.0	10,532	9,851	681	6.5
Pulaski	12,321	11,203	1,118	9.1	12,395	11,166	1,229	9.9	12,607	11,421	1,186	9.4
Putnam	1,932	1,820	112	5.8	2,083	1,974	109	5.2	1,985	1,865	120	6.0
Randolph	9,915	9,177	738	7.4	10,173	9,396	777	7.6	10,367	9,563	804	7.8
Reynolds	2,986	2,767	219	7.3	3,051	2,800	251	8.2	2,875	2,619	256	8.9
St. Clair	3,312	3,024	288	8.7	3,503	3,214	289	8.3	3,638	3,324	314	8.6
Ste. Genevieve	8,247	7,606	641	7.8	8,332	7,807	525	6.3	8,359	7,700	659	7.9
Saline	11,180	10,495	685	6.1	11,166	10,511	655	5.9	10,681	9,868	813	7.6
Scotland	2,154	2,028	126	5.8	2,376	2,265	111	4.7	2,377	2,243	134	5.6
Shelby	2,866	2,670	196	6.8	3,169	2,971	198	6.2	3,203	2,972	231	7.2
Stoddard	12,566	11,313	1,253	10.0	12,957	11,606	1,351	10.4	13,054	11,660	1,394	10.7
Stone	11,809	9,320	2,489	21.1	11,087	9,600	1,487	13.4	10,863	8,581	2,282	21.0
Sullivan	2,656	2,484	172	6.5	2,687	2,509	178	6.6	2,832	2,676	156	5.5
Taney	21,440	17,171	4,269	19.9	22,139	19,797	2,342	10.6	17,521	13,689	3,832	21.9
Texas	8,858	7,736	1,122	12.7	9,476	8,210	1,266	13.4	9,566	8,265	1,301	13.6
Vernon	7,898	7,433	465	5.9	8,169	7,719	450	5.5	8,542	7,995	547	6.4
Wayne	3,924	3,278	646	16.5	4,086	3,331	755	18.5	3,986	3,302	684	17.2
Worth	969	883	86	8.9	1,027	936	91	8.9	1,017	912	105	10.3
Wright	8,078	7,466	612	7.6	8,413	7,728	685	8.1	7,761	7,111	650	8.4

NOTES: Data within shaded areas are provisional and not comparable to 1994 data.
Data for counties within MSAs/LMAs prepared by disaggregation from MSA/LMA totals.

Missouri Labor Market Review

Bill Niblack, Labor Economist

Missouri Employment and Unemployment Conditions

The Missouri unemployment rate was 6.1 percent in January. About 2,475,900 Missourians were estimated to have been employed in the month, while 161,800 were jobless. Adjusted for seasonal variation, the January rate was 5.4 percent. These figures mark the first release of data using new estimating methodology and revised input data.

The unadjusted unemployment rate in January 1993 was 6.7 percent, and the December 1993 rate was 6.3 percent. Because of changes in the Current Population Survey which underlies the labor force estimates, these data should not be directly compared to the January rate.

Payroll employment fell sharply in January, as seasonal changes helped drive employment down by 70,300 jobs to 2,375,000. Seasonal drops in employment occurred in retail trade (21,900 jobs), services (13,100 jobs), and construction (8,600 jobs). Both state and local government and private educational services were down from December because of semester breaks at schools and colleges. The most prominent jobs losses, other than the seasonal ones, resulted from the scheduled 15-month shutdown of an automobile plant in the St. Louis area and the closing of a food plant in St. Joseph. Transportation equipment manufacturing was down by 1,900 jobs while food and kindred products manufacturing dropped by 1,800 jobs. Not all those job decreases were the result of those two closings, however.

Revised payroll employment data show the number of jobs in the state to have been growing more rapidly than earlier estimated. Since January 1993, nonagricultural employment has increased by 78,700 jobs, a 3.4 percent gain. Most of this growth was in the service-producing sector, including business services (10,600 jobs), health services (9,500 jobs), retail trade (14,500 jobs in the aggregate), and state and local government (8,700 jobs). The goods-producing sector has also been showing increased strength. Construction employment was up by 8,300 jobs (10.2 percent) over the year. Even manufacturing employment grew by 2,200 jobs, despite the widely-publicized losses in automobile, aircraft, and shoe manufacturing.

National Economic and Labor Market Conditions

Economic growth in the fourth quarter of 1993 was even stronger than earlier estimated. Latest revisions show that inflation adjusted Gross Domestic Product (GDP) grew at a 7.5 percent annual rate in the quarter, the best performance in 10 years. Upward revisions occurred in estimates of consumer spending, exports, and business investment in capital equipment.

Improvement in national labor market conditions retreated somewhat in January, in the face of extremely cold weather in much of the country. Payroll employment grew by only 62,000 jobs, far less than the average for recent months. The seasonally adjusted unemployment rate was 6.7 percent. This marked the first estimate using new survey procedures and population estimates, so that comparisons with last year's figures cannot be made.

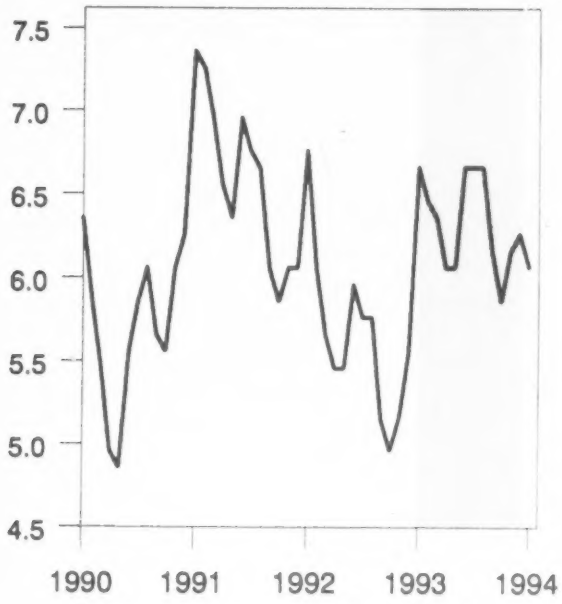
Outlook

The government's index of leading economic indicators continued to increase in January but at a slower rate than in recent months. This suggests that economic growth will continue in the upcoming months but perhaps at a more moderate rate than last quarter's rapid pace. The index has now increased for six straight months; the cumulative increase over that period is the largest such increase in more than 10 years.

The performance of the leading-indicators index is consistent with economic analyses, the consensus of which is that the rate of economic growth is almost certain to slow from the fourth quarter's breakneck pace. Still, healthy growth in the 3-4 percent range is expected.

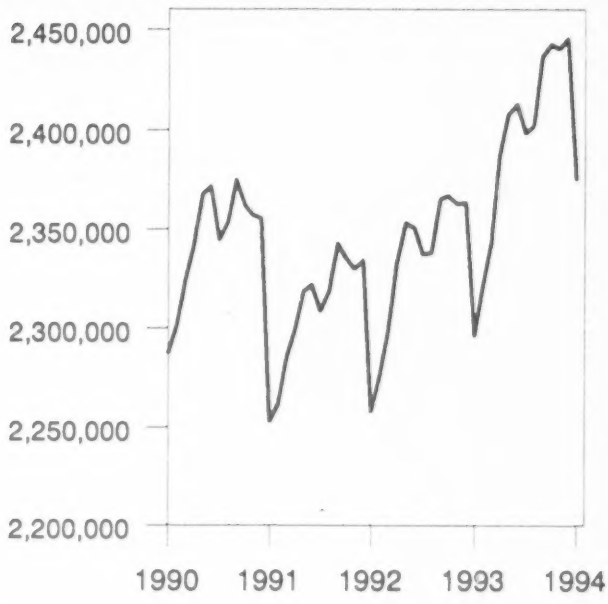
Employment and unemployment figures normally remain at winter-depressed levels in February before beginning to improve in March.

Missouri Unemployment Rate



Series contains noncomparable data. See page 3.

Missouri Payroll Employment



Explanatory Notes

All data in this publication are produced in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Data. Labor force data are estimates of the number of people who are either employed or unemployed, on a place-of-residence basis. Data for 1994 are preliminary, while 1993 data are provisional — not yet official and subject to change. The 1994 data are not directly comparable to 1993 data because of changes in methodology.

- Total Employment represents the number of employed civilians, including self-employment and agricultural employment.
- Unemployment represents the number of people who are not employed but are looking for work.
- Civilian Labor Force is the sum of employment and unemployment.
- Unemployment Rate is the number unemployed expressed as a percentage of the labor force.

Nonagricultural Wage and Salary Employment data are place-of-work estimates of the number of jobs, based on a survey of establishments. The data have been adjusted to the March 1993 benchmark. Data are available for all employees on nonfarm payrolls, for the number of production or nonsupervisory workers on private nonfarm payrolls, and for average hours and earnings of production workers. Seasonally adjusted employment data for major industry groups are published for Missouri.

Areas. Labor Market Reviews cover the state and its three largest metropolitan areas. MSA definitions are the official Office of Management and Budget designations which became effective December 31, 1992.

- The St. Louis MSA includes the City of St. Louis plus St. Louis, Franklin, Jefferson, Lincoln, St. Charles and Warren counties in Missouri and Clinton, Jersey, Madison, Monroe, and St. Clair counties in Illinois. For data purposes, the portion of Sullivan in Crawford County is not included.
- The Kansas City MSA includes Jackson, Cass, Clay, Clinton, Lafayette, Platte, and Ray counties in Missouri and Johnson, Leavenworth, Miami, and Wyandotte counties in Kansas.
- The Springfield MSA includes Greene, Christian and Webster counties.

Nonagricultural Wage & Salary Employment — Missouri (Statewide)

Industry	Number of Jobs			Change from:	
	Jan. 1994P	Dec. 1993	Jan. 1993	Dec. 1993	Jan. 1993
SEASONALLY ADJUSTED					
TOTAL NONAGRICULTURAL	2,421,100	2,430,900	2,354,600	-9,800	66,500
MINING	4,300	4,300	4,700	0	-400
CONSTRUCTION	99,300	99,700	92,300	-400	7,000
MANUFACTURING	411,700	412,800	411,900	-1,100	-200
DURABLE GOODS	224,300	223,700	224,000	600	300
NONDURABLE GOODS	187,400	189,100	187,900	-1,700	-500
TRANSPORTATION & PUBLIC UTILS	154,500	154,700	150,400	-200	4,100
TRADE	572,600	575,100	559,000	-2,500	13,600
WHOLESALE TRADE	137,300	138,400	135,600	-1,100	1,700
RETAIL TRADE	435,300	436,700	423,400	-1,400	11,900
FINANCE, INSURANCE,REAL ESTATE	141,700	143,100	138,700	-1,400	3,000
SERVICES	657,500	658,700	625,500	-1,200	32,000
TOTAL GOVERNMENT	379,500	382,500	372,100	-3,000	7,400
NOT SEASONALLY ADJUSTED					
TOTAL NONAGRICULTURAL	2,375,000	2,445,300	2,296,300	-70,300	78,700
GOODS PRODUCING	503,000	517,700	492,800	-14,700	10,200
MINING	4,100	4,300	4,400	-200	-300
CONSTRUCTION	89,900	98,500	81,600	-8,600	8,300
General Building Contractors	24,400	26,000	22,300	-1,600	2,100
Heavy Construction	9,500	11,800	8,200	-2,300	1,300
Special Trade Contractors	56,000	60,700	51,100	-4,700	4,900
MANUFACTURING	409,000	414,900	406,800	-5,900	2,200
DURABLE GOODS	222,700	225,600	220,600	-2,900	2,100
Lumber & Wood Products	11,700	11,800	11,300	-100	400
Furniture & Fixtures	14,400	14,300	12,700	100	1,700
Stone, Clay & Glass Products	10,000	10,300	9,600	-300	400
Primary Metal Industries	12,100	12,100	11,500	0	600
Fabricated Metal Products	33,400	33,500	33,500	-100	-100
Industrial Machinery & Equipment	33,700	33,600	31,600	100	2,100
Electronic & Other Electrical Equipment	32,400	32,800	30,700	-400	1,700
Transportation Equipment	55,500	57,400	59,600	-1,900	-4,100
Motor vehicles & equipment	25,200	26,300	27,700	-1,100	-2,500
Aircraft & parts	26,200	26,900	28,400	-700	-2,200
Instruments & Related Products	10,900	11,100	11,800	-200	-900
NONDURABLE GOODS	186,300	189,300	186,200	-3,000	100
Food & Kindred Products	48,900	50,700	48,100	-1,800	800
Beverages	9,400	9,600	8,900	-200	500
Textile Mill Products & Apparel	22,900	22,800	22,300	100	600
Paper & Allied Products	13,800	14,100	13,900	-300	-100
Printing & Publishing	42,900	43,100	42,600	-200	300
Chemicals & Allied Products	27,900	28,300	28,800	-400	-900
Leather & Leather Products	10,500	10,700	11,500	-200	-1,000
SERVICE PRODUCING	1,872,000	1,927,600	1,803,500	-55,600	68,500
PRIVATE SERVICE PRODUCING	1,493,000	1,536,200	1,433,200	-43,200	59,800
TRANSPORTATION & PUBLIC UTILITIES	152,500	154,800	148,200	-2,300	4,300
Railroad Transportation	8,800	8,600	8,700	200	100
Trucking & Warehousing	47,800	49,000	46,600	-1,200	1,200
Transportation by Air	18,600	18,700	17,300	-100	1,300
Communications	35,300	35,700	35,500	-400	-200
Electric, Gas & Sanitary Service	20,400	20,400	20,500	0	-100
TRADE	559,800	585,000	542,600	-25,200	17,200
WHOLESALE TRADE	135,800	139,100	133,100	-3,300	2,700
Wholesale Trade - Durable Goods	74,500	76,500	73,900	-2,000	600
Motor vehicles, parts & supplies	12,000	12,300	12,000	-300	0
Lumber & construction materials	4,400	4,500	4,200	-100	200
Professional & commercial equipment	14,900	15,100	15,200	-200	-300
Electrical goods	8,800	8,900	8,400	-100	400
Hardware, plumbing & heating equipment	6,100	6,300	5,900	-200	200
Machinery, equipment & supplies	17,100	17,500	16,800	-400	300
Wholesale Trade - Nondurable Goods	61,300	62,600	59,200	-1,300	2,100
Groceries & related	17,800	18,100	17,500	-300	300
Petroleum & petroleum products	4,600	4,700	4,700	-100	-100
Beer, wine & distilled beverages	3,000	3,100	3,000	-100	0
RETAIL TRADE	424,000	445,900	409,500	-21,900	14,500
Building materials & garden supplies	17,300	18,500	17,000	-1,200	300
General merchandise stores	61,700	66,100	58,600	-4,400	3,100
Food stores	60,400	62,800	57,800	-2,400	2,600
Automotive dealers/service stations	52,200	52,700	50,500	-500	1,700
Apparel & accessory stores	22,100	24,900	22,000	-2,800	100
Furniture & homefurnishing stores	15,300	15,900	15,000	-600	300
Eating & drinking places	150,400	157,000	144,500	-6,600	5,900

Industry	Number of Jobs			Change from:	
	Jan. 1994P	Dec. 1993	Jan. 1993	Dec. 1993	Jan. 1993
FINANCE, INSURANCE, & REAL ESTATE	140,300	142,900	136,300	-2,600	4,000
Depository Institutions	45,000	46,000	45,200	-1,000	-200
Nondepository Institutions	9,300	9,100	8,200	200	1,100
Security & Commodity Brokers	14,400	14,500	13,000	-100	1,400
Insurance Carriers	30,500	30,600	30,500	-100	0
Insurance Agents, Brokers	13,900	14,000	13,700	-100	200
Real Estate	23,400	24,700	22,100	-1,300	1,300
Holding & Other Investment Offices	3,800	4,000	3,600	-200	200
SERVICES	640,400	653,500	606,100	-13,100	34,300
Hotels & Other Lodging Places	25,900	28,600	24,700	-2,700	1,200
Personal Services	27,800	27,000	27,500	800	300
Business Services	109,100	111,800	98,500	-2,700	10,600
Auto Repair, Services, Parking	21,600	21,600	20,500	0	1,100
Amusement & Recreation Services / Movie	27,000	29,300	25,500	-2,300	1,500
Health Services	218,900	220,500	209,400	-1,600	9,500
Hospitals (private)	104,200	104,500	101,800	-300	2,400
Legal Services	15,200	15,300	15,000	-100	200
Educational Services (private)	42,400	45,300	40,700	-2,900	1,700
Social Services	46,500	46,700	42,800	-200	3,700
Membership Organizations	49,900	50,100	49,300	-200	600
Engineering & Management Services	38,800	38,600	36,100	200	2,700
Agricultural Services	8,600	9,800	8,200	-1,200	400
TOTAL GOVERNMENT	379,000	391,400	370,300	-12,400	8,700
TOTAL FEDERAL GOVERNMENT	68,100	68,600	68,100	-500	0
TOTAL STATE GOVERNMENT	91,300	96,000	89,300	-4,700	2,000
TOTAL LOCAL GOVERNMENT	219,600	226,800	212,900	-7,200	6,700

P = **Preliminary**

Production Workers Average Hours and Earnings — Missouri (Statewide)

Industry	Production Workers			Average Weekly Hours			Average Hourly Earnings			Average Weekly Earnings		
	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993
GOODS PRODUCING	359,900	372,900	348,200	39 7	41 7	39 7	$12 67	$12 87	$12 29	$503 00	$536 68	$487 91
CONSTRUCTION	69,600	78,100	61,100	33 9	37 1	33 5	17 56	17 74	17 57	595 28	658 15	588 60
MANUFACTURING	287,000	291,300	283 800	41 1	42 9	41 0	11 68	11 74	11 32	480 05	503 65	464 12
DURABLE GOODS	156,500	158,700	155,300	42 2	44 2	41 1	12 42	12 50	12 32	524 12	552 50	506 35
Lumber & Wood Products	9,300	9,400	8,900	38 4	38 3	38 6	8 13	8 18	7 69	312 19	313 29	296 83
Furniture & Fixtures	11,200	11,200	10,000	42 7	42 3	40 5	9 27	8 99	9 06	395 83	380 28	366 93
Stone, Clay & Glass Products	7,700	7,900	7,600	41 2	45 7	39 8	12 15	12 49	11 85	500 58	570 79	471 63
Primary Metal Industries	9,200	9,200	8,800	48 0	49 3	42 5	12 98	12 71	12 94	623 04	626 60	549 95
Fabricated Metal Products	23,300	23,500	23,200	40 8	43 9	41 9	11 78	12 07	11 84	480 62	529 87	496 10
Industrial Machinery & Equipment	24,000	23,800	22,000	42 7	46 7	40 5	11 55	11 60	11 27	493 19	541 72	456 44
Electronic & Other Electrical Eqp	25,400	25,800	23,800	41 1	42 4	40 9	9 62	9 56	9 24	395 38	405 34	377 92
Transportation Equipment	35,100	36,500	38,900	44 2	45 7	41 8	18 04	18 07	17 80	797 37	825 80	744 04
Motor vehicles & equipment	21,900	22,700	24,400	45 6	47 4	41 6	18 38	18 39	17 41	838 13	871 69	724 26
Instruments & Related Products	4,900	5,000	5,800	41 5	42 7	43 1	10 85	10 95	10 82	450 28	467 57	466 34
NONDURABLE GOODS	130,500	132,600	128,500	39 8	41 4	40 8	10 75	10 77	10 09	427 85	445 88	411 67
Food & Kindred Products	36,700	38,200	36,500	39 3	42 1	40 1	10 66	10 61	10 36	418 94	446 68	415 44
Beverages	4,000	3,900	3,600	35 0	39 0	42 5	20 65	20 78	19 68	722 75	810 42	836 40
Textile Mill Products & Apparel	20,100	20,100	19,100	34 6	33 4	36 0	7 15	7 22	6 84	247 39	241 15	246 24
Paper & Allied Products	11,300	11,700	11,500	43 2	43 7	42 6	11 56	11 28	11 03	499 39	492 94	469 88
Chemicals & Allied Products	14,200	14,400	13,500	46 7	49 9	47 8	15 11	14 99	12 95	705 64	748 00	619 01
Leather & Leather Products	9,600	9,800	10,600	34 2	35 1	41 1	7 44	7 47	[illegible]4	254 45	262 20	272 90
PRIVATE SERVICE PRODUCING	1,242,900	1,278,800	1,182,100	32 0	32 5	32 0	9 52	9 34	9 19	304 64	303 55	294 08
TRANSPORTATION & PUBLIC UTILS	116,200	117,500	111,200	35 6	36 7	39 4	13 45	13 29	12 47	478 82	487 74	491 32
TRADE	490,800	513,600	475,300	30 3	31 8	30 3	8 18	8 02	7 96	247 85	255 04	241 19
WHOLESALE TRADE	111,400	114,600	108,500	39 0	40 2	40 2	11 25	11 07	10 83	438 75	445 01	435 37
Wholesale Trade - Durable Gds	59,600	61,500	58,500	39 6	40 2	40 4	11 68	11 76	11 34	462 53	472 75	458 14
Wholesale Trade - Nondur Gds	51,800	53,100	50,000	38 3	40 2	40 0	10 73	10 28	10 23	410 96	413 26	409 20
RETAIL TRADE	379,400	399,000	366,800	27 8	29 3	27 3	6 91	6 82	6 71	192 10	199 83	183 18
FINANCE, INSURANCE,REAL ESTATE	107,100	108,100	99,700	37 6	36 1	37 5	11 07	10 78	10 16	416 23	389 16	381 00
SERVICES	528,800	539,600	495,900	31 7	31 6	30 9	9 36	9 27	9 18	296 71	292 93	283 66

P = **Preliminary**

St. Louis Labor Market Review

Randall Clark, Analyst

Area Labor Force Developments

The St. Louis MSA unemployment rate, revised to 5.9 percent in December 1993 as a result of changes in the estimating methodology, remained at that level in January 1994. These data should not be directly compared, however, because of the methodological changes.

Other indicators showed a decline in economic activity between December and January. In addition to the normal seasonal cutbacks in construction, retail trade, and educational services, several manufacturers had what should be a final round of layoffs resulting from the cutbacks of the early 1990s. Total nonfarm payroll employment was down by 28,300 jobs from December 1993 to January 1994. Over the year, the unemployment rate was down by six-tenths of a percentage point. Total nonfarm payroll employment increased by 28,700 between January 1993 and January 1994. Strong gains in construction, retail trade, and business services indicated that the economy is still gaining strength.

Manufacturing

Manufacturing jobs decreased by 2,700 from December to January. One area vehicle assembly plant began a scheduled 15-month shutdown. Corporate restructuring cost an additional 1,600 jobs in aerospace and chemicals. Over the year, manufacturing employment fell by 5,200. Twelve-month job losses were concentrated in motor vehicles, aerospace, and chemicals. Food processing and electronics continued to show strength, adding 600 jobs between them.

Nonmanufacturing

Nonmanufacturing employment showed the expected seasonal decline between December and January. Winter weather forced a cut of 5,100 in construction employment, and the end of the Christmas season shaved 8,900 jobs from retail trade. With the semester break occurring during the January reference week, private educational services and local government had a temporary cut of 4,700 jobs between them. Over the year, nonmanufacturing industries added almost 34,000 jobs. Every major nonmanufacturing industry showed higher employment from January 1993 to January 1994. The largest gains were in retail trade, construction, business services, and health services.

Unemployment Rate Outlook

Unemployment traditionally peaks in February because of the winter slump in economic activity, then begins to drop in March. Unemployment in February 1994 should follow that pattern, increasing to 6.1 percent of the labor force.

Nonagricultural Wage & Salary Employment — St. Louis MSA

Industry	Number of Jobs			Change from:	
	Jan. 1994 P	Dec. 1993	Jan. 1993	Dec. 1993	Jan. 1993
TOTAL NONAGRICULTURAL	1,179,000	1,207,300	1,150,300	-28,300	28,700
GOODS PRODUCING	246,500	254,300	246,300	-7,800	200
CONSTRUCTION & MINING	52,700	57,800	47,300	-5,100	5,400
General Building Contractors	13,800	14,800	12,400	-1,000	1,400
Special Trade Contractors	33,300	36,400	28,600	-3,100	4,700
MANUFACTURING	193,800	196,500	199,000	-2,700	-5,200
DURABLE GOODS	115,000	116,900	120,000	-1,900	-5,000
Lumber, Wood, Furniture	5,700	5,800	6,100	-100	-400
Stone, Clay & Glass Products	2,900	2,800	2,900	100	0
Primary Metal Industries	13,100	13,000	13,000	100	100
Fabricated Metal Products	15,100	15,200	15,500	-100	-400
Industrial Machinery & Equipment	17,500	17,500	17,400	0	100
Electronic & Other Electrical Equipment	10,500	10,500	10,300	0	200
Transportation Equipment	38,100	39,900	42,300	-1,800	-4,200
Motor vehicles & equipment	11,600	12,700	14,600	-1,100	-3,000
Aircraft & parts	25,700	26,500	26,900	-800	-1,200
Instruments & Related Products	8,500	8,500	8,700	0	-200
NONDURABLE GOODS	78,800	79,600	79,000	-800	-200
Food & Kindred Products	20,400	20,300	20,000	100	400
Beverages	8,200	8,400	8,200	-200	0
Textiles, Apparel, & Leather	7,600	7,700	7,700	-100	-100
Paper & Allied Products	6,000	6,000	5,800	0	200
Printing & Publishing	16,900	17,100	16,900	-200	0
Chemicals & Allied Products	17,900	18,400	18,600	-500	-700
Petroleum,Coal,Plastics Products	10,000	10,100	10,100	-100	-100
SERVICE PRODUCING	932,500	953,000	904,000	-20,500	28,500
PRIVATE SERVICE PRODUCING	782,400	799,000	756,200	-16,600	26,200
TRANSPORTATION & PUBLIC UTILITIES	77,400	78,000	75,100	-600	2,300
COMMUNICATIONS & PUBLIC UTILITIES	29,100	29,000	29,000	100	100
Railroad Transportation	4,800	4,900	4,900	-100	-100
Trucking & Warehousing	18,900	19,400	18,800	-500	100
Transportation by Air	11,500	11,500	10,600	0	900
TRADE	281,600	290,900	274,400	-9,300	7,200
WHOLESALE TRADE	66,800	67,200	66,000	-400	800
Wholesale Trade - Durable Goods	40,400	40,500	39,800	-100	600
Wholesale Trade - Nondurable Goods	26,400	26,700	26,200	-300	200
RETAIL TRADE	214,800	223,700	208,400	-8,900	6,400
Building materials & garden supplies	7,900	8,300	7,700	-400	200
General merchandise stores	31,200	33,600	31,100	-2,400	100
Food stores	32,100	34,000	30,000	-1,900	2,100
Automotive dealers/service stations	22,200	22,200	21,300	0	900
Apparel & accessory stores	12,700	13,400	13,000	-700	-300
Furniture & homefurnishing stores	8,900	8,900	8,500	0	400
Eating & drinking places	77,700	79,100	75,400	-1,400	2,300
FINANCE, INSURANCE, & REAL ESTATE	72,500	74,100	71,300	-1,600	1,200
Depository Institutions	21,600	22,700	22,400	-1,100	-800
Nondepository Institutions	6,500	6,500	5,800	0	700
Insurance Carriers	15,500	15,500	16,100	0	-600
Insurance Agents, Brokers	6,800	6,800	6,800	0	0
Real Estate	12,500	13,100	11,400	-600	1,100
SERVICES	350,900	356,000	335,400	-5,100	15,500
Personal Services	14,300	14,200	14,900	100	-600
Business Services	64,600	65,700	59,800	-1,100	4,800
Auto Repair, Services, Parking	11,700	11,400	10,800	300	900
Amusement & Recreation Services / Movie	15,700	16,600	15,000	-900	700
Health Services	116,900	117,000	112,700	-100	4,200
Hospitals (private)	60,800	60,800	60,400	0	400
Legal Services	8,300	8,400	8,300	-100	0
Educational Services (private)	31,200	32,800	30,400	-1,600	800
Social Services	22,600	22,800	21,000	-200	1,600
Membership Organizations	20,500	21,100	20,200	-600	300
Engineering & Management Services	23,100	22,900	21,900	200	1,200
TOTAL GOVERNMENT	150,100	154,000	147,800	-3,900	2,300
TOTAL FEDERAL GOVERNMENT	35,200	35,500	35,200	-300	0
TOTAL STATE GOVERNMENT	19,500	20,000	19,300	-500	200
TOTAL LOCAL GOVERNMENT	95,400	98,500	93,300	-3,100	2,100

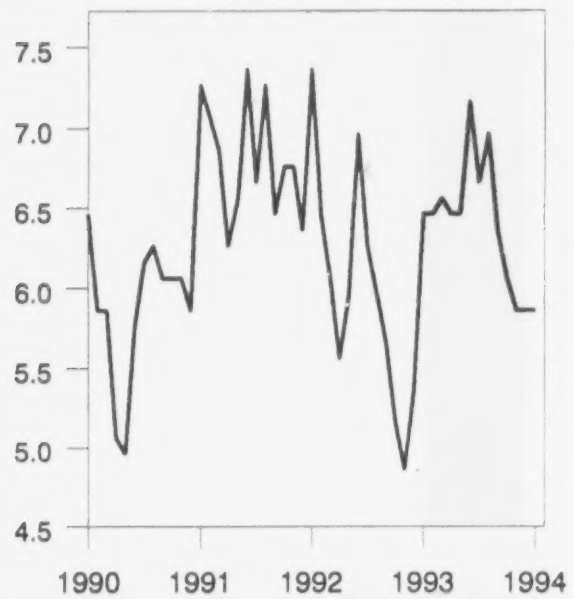
P = Preliminary

Production Workers Average Hours and Earnings — St. Louis MSA

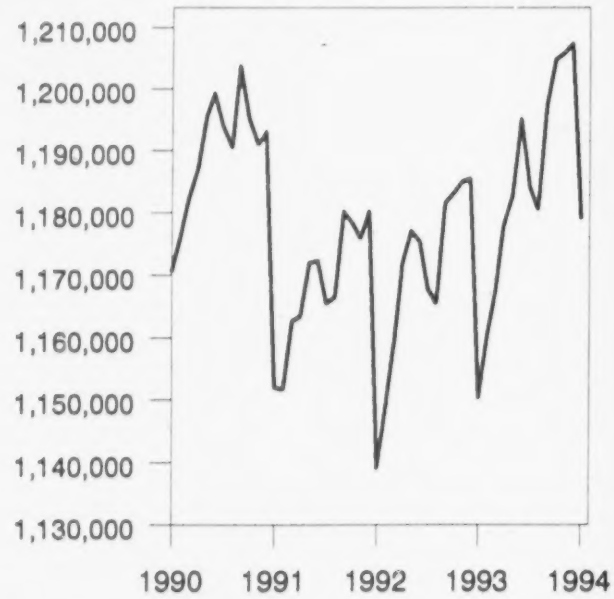
Industry	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993
GOODS PRODUCING	166,100	173,100	159,400	39.7	42.0	40.1	$14.97	$15.19	$14.60	$594.31	$637.98	$585.46
CONSTRUCTION & MINING	40,500	45,300	35,000	32.8	37.0	33.2	19.59	19.49	19.27	642.55	721.13	639.76
MANUFACTURING	125,600	127,800	124,400	41.9	43.8	42.1	13.80	13.91	13.56	578.22	609.26	570.88
DURABLE GOODS	71,300	73,000	77,700	43.1	45.0	41.5	14.50	14.51	14.48	624.95	652.95	600.92
Lumber, Wood, Furniture	4,100	4,200	4,500	44.0	43.9	38.4	9.08	9.22	10.37	399.52	404.76	398.21
Stone, Clay & Glass Products	2,100	2,000	2,100	37.5	41.7	42.2	12.45	12.71	12.64	466.88	530.01	533.41
Primary Metal Industries	9,700	9,600	9,600	48.7	49.6	43.3	14.30	13.57	14.05	696.41	673.07	608.37
Fabricated Metal Products	11,300	11,400	11,700	41.2	44.7	43.8	13.93	14.22	13.57	573.92	635.63	594.37
Industrial Machinery & Equipment	11,300	11,300	11,200	43.5	43.4	42.8	12.61	12.73	12.80	548.53	552.48	547.84
Electronic & Other Electrical Eqp	6,800	6,900	6,700	41.3	43.0	41.0	9.89	9.61	10.04	408.46	413.23	411.64
Transportation Equipment	20,000	21,600	25,400	43.2	45.9	40.2	19.78	19.54	18.88	854.50	896.89	758.98
Motor vehicles & equipment	10,100	11,000	13,000	43.6	47.8	38.0	19.80	19.41	18.36	863.28	927.80	697.68
Instruments & Related Products	3,700	3,700	3,900	42.2	43.2	41.3	12.24	12.39	12.19	516.53	535.25	503.45
NONDURABLE GOODS	54,300	54,800	46,700	40.3	42.2	43.0	12.81	13.05	12.09	516.24	550.71	519.87
Food & Kindred Products	13,800	13,800	12,500	38.0	39.2	40.6	13.36	14.34	14.11	507.68	562.13	572.87
Textiles, Apparel, & Leather	6,400	6,400	5,900	39.2	38.0	38.6	7.68	7.72	7.53	301.06	293.36	290.66
Paper & Allied Products	5,000	5,000	4,800	42.7	45.6	46.6	11.77	11.69	11.39	502.58	533.06	530.77
Printing & Publishing	11,000	11,200	10,400	41.0	44.8	41.3	12.85	12.54	12.81	526.85	561.79	529.05
Chemicals & Allied Products	10,900	11,200	6,100	41.7	43.2	55.6	15.33	15.30	11.86	639.26	660.96	659.42
Petroleum,Coal,Plastics Products	7,300	7,300	7,000	41.2	43.8	40.4	12.96	13.24	11.92	533.95	579.91	481.57
PRIVATE SERVICE PRODUCING	646,400	657,700	622,000	31.5	32.2	31.6	10.07	9.93	9.86	317.20	319.75	311.58
TRANSPORTATION & PUBLIC UTILS	60,000	60,500	57,700	35.3	37.1	37.5	13.43	13.34	14.03	474.08	494.91	526.13
TRADE	249,500	255,900	243,200	29.9	31.7	29.9	9.09	8.94	8.71	271.79	283.40	260.43
WHOLESALE TRADE	54,600	55,200	54,400	39.4	39.9	40.5	12.11	12.11	11.68	477.13	483.19	473.04
Wholesale Trade - Durable Gds	32,800	33,200	32,600	40.7	40.6	41.4	11.89	11.87	11.45	483.92	481.92	474.03
Wholesale Trade - Nondur Gds	21,800	22,000	21,800	37.3	38.7	39.2	12.46	12.50	12.04	464.76	483.75	471.97
RETAIL TRADE	194,900	200,700	188,800	27.2	29.4	26.9	7.87	7.76	7.42	214.06	228.14	199.60
FINANCE, INSURANCE, REAL ESTATE	51,200	52,400	50,600	37.2	35.6	35.9	10.65	10.43	10.11	396.18	371.31	362.95
SERVICES	285,700	288,900	270,500	31.1	31.1	30.9	9.97	9.87	9.72	310.07	306.96	300.35

P = **Preliminary**

St. Louis MSA Unemployment Rate



St. Louis MSA Payroll Employment



Series contains noncomparable data. See page 3.

Kansas City Labor Market Review

Franciena King, Analyst

Area Labor Force Conditions

The Kansas City metropolitan area, which has been expanded to include Clinton County, Missouri, recorded an estimated unemployment rate of 5.1 percent in January 1994. The number of unemployed workers was estimated at 50,600, while estimated total employment stood at 840,600 persons. The revised figures for December 1993 show an unemployment rate of 5.1 percent, unemployment at 45,000, employment at 834,200 and a civilian labor force of 879,200. Although an increase in the jobless rate is consistent with the usual seasonal changes in January, the January 1994 data are not directly comparable to the 1993 and earlier data, because of the implementation of new estimation procedures and the incorporation of revised 1990 Census-based population estimates.

Nonagricultural Wage and Salary Employment

The number of nonfarm jobs, which had expanded by over 40,000 jobs from a low in January 1993 of 778,000 to a high in December 1993 of 818,100, fell seasonally by 13,900 in January 1994. The drop, however, was well below the normal seasonal decline, which has averaged 25,000 over the last three years. At 804,200, payroll employment was 26,100 higher in January 1994 than it was a year earlier. The revised estimates of nonfarm payroll employment show growth of 14,700 between the 1992 and 1993 levels, a 1.9 percent increase. Across the board, most industries recorded normal seasonal declines in employment in January. The lone exception was manufacturing employment which gained a modest 300 jobs over the month, for a total of 105,900 jobs. The expansion of production in the area's automobile industry accounted for the increase. With this latest increase, the number of jobs in the area's automobile assembly plants is now only slightly under the January 1993 level. Job levels in most manufacturing industries showed only minor changes over the month. Compared to January 1993, manufacturing gained a net 700 jobs, the bulk of which were in durable goods manufacturing, primarily industrial machinery and lumber and wood products. Gains also occurred in printing and publishing and paper and allied products, but these were offset by losses in the chemical industry.

As expected, retail trade, which suffered the largest numerical decline over the month, lost most of the 4,700 jobs gained during the holiday hiring season between October and December. Despite the loss, the industry remained well above last year's January 1993 level with 5,000 jobs added. Although most sectors recorded increases, the bulk of the 5,600-job increase was in eating and drinking places, automotive dealers, and building materials. The exception was apparel stores, which lost 400 jobs. Similarly, wholesale trade lost most of the jobs gained during the last quarter of 1993, but remained above the previous January's figures.

Employment in the services industry continued its normal winter slide, with another 2,300 seasonal jobs lost, more than half in amusement and recreation. The semester break in area schools accounted for educational services showing 400 fewer jobs. Over the year, the services industry increased 5.2 percent, adding 10,700 jobs for a total of 217,900 jobs. Business services, amusement and recreation, health, automotive, and engineering and management services led the growth, accounting for more than 85 percent of the increase.

After gaining 9,300 jobs from September to December, government employment was down by 2,900 jobs as a result of the semester break at area schools. Cutbacks in federal government and a slowdown in the growth of jobs in local schools accounted for government showing only a modest increase of 500 jobs over the year.

The seasonal decline in trucking and warehousing contributed to the transportation, communications, and utilities industry recording 700 fewer jobs in January. Over the year, trucking and warehousing along with communication and utilities accounted for over three-quarters of the 2,200 jobs added in the sector.

Finance, insurance, and real estate also recorded a modest decline of 300 jobs over the month, while showing a gain of 1,700 jobs over the year.

The number of construction jobs continued to drop, falling to 31,700 jobs. Since October 1993, when the industry peaked at 36,500 jobs, the construction industry has lost 4,800 jobs, 3,000 in January alone. Continuing the pattern set during 1993, the industry total remains well above year ago levels. The January 1994 figure was higher than January 1993 by 3,200 jobs, an increase of 11.2 percent.

Employment and Unemployment Forecast

Employment and unemployment are expected to show little change in February, although construction and services employment may begin to pick up slightly. Government employment also will begin to return to normal levels.

Nonagricultural Wage & Salary Employment — Kansas City MSA

Industry	Number of Jobs			Change from:	
	Jan. 1994[P]	Dec. 1993	Jan. 1993	Dec. 1993	Jan. 1993
TOTAL NONAGRICULTURAL	804,200	818,100	778,000	-13,900	26,200
GOODS PRODUCING	137,600	140,300	133,700	-2,700	3,900
CONSTRUCTION & MINING	31,700	34,700	28,500	-3,000	3,200
General Building Contractors	6,500	7,100	5,900	-600	600
Special Trade Contractors	20,400	22,600	19,000	-2,200	1,400
MANUFACTURING	105,900	105,600	105,200	300	700
DURABLE GOODS	49,800	49,500	49,200	300	600
Lumber, Wood, Furniture	3,500	3,400	3,300	100	200
Stone, Clay & Glass Products	3,300	3,400	3,200	-100	100
Fabricated Metal Products	12,400	12,300	12,600	100	-200
Industrial Machinery & Equipment	7,800	7,900	7,300	-100	500
Electronic & Other Electrical Equipment	7,300	7,300	7,200	0	100
Transportation Equipment	9,100	8,800	9,200	300	-100
NONDURABLE GOODS	56,100	56,100	56,000	0	100
Food & Kindred Products	8,400	8,500	8,400	-100	0
Paper & Allied Products	6,300	6,300	6,000	0	300
Printing & Publishing	22,700	22,700	22,300	0	400
Chemicals & Allied Products	9,200	9,300	9,800	-100	-600
SERVICE PRODUCING	666,600	677,800	644,300	-11,200	22,300
PRIVATE SERVICE PRODUCING	544,100	552,400	522,300	-8,300	21,800
TRANSPORTATION & PUBLIC UTILITIES	64,200	64,900	62,000	-700	2,200
COMMUNICATIONS & PUBLIC UTILITIES	25,200	25,200	24,400	0	800
Railroad Transportation	4,600	4,500	4,500	100	100
Trucking & Warehousing	18,700	19,200	17,800	-500	900
Transportation by Air	7,000	7,200	6,800	-200	200
TRADE	199,600	204,600	192,400	-5,000	7,200
WHOLESALE TRADE	56,400	56,800	54,800	-400	1,600
Wholesale Trade - Durable Goods	34,200	34,500	33,400	-300	800
Wholesale Trade - Nondurable Goods	22,200	22,300	21,400	-100	800
RETAIL TRADE	143,200	147,800	137,600	-4,600	5,600
Building materials & garden supplies	6,600	6,800	5,900	-200	700
General merchandise stores	21,300	22,500	20,800	-1,200	500
Food stores	19,200	19,800	18,700	-600	500
Automotive dealers/service stations	16,300	16,400	15,100	-100	1,200
Apparel & accessory stores	6,200	7,000	6,600	-800	-400
Furniture & homefurnishing stores	5,700	5,700	5,500	0	200
Eating & drinking places	51,000	52,600	47,200	-1,600	3,800
FINANCE, INSURANCE, & REAL ESTATE	62,400	62,700	60,700	-300	1,700
Depository Institutions	15,000	15,200	15,400	-200	-400
SERVICES	217,900	220,200	207,200	-2,300	10,700
Personal Services	10,300	10,100	10,600	200	-300
Business Services	50,400	50,400	44,900	0	5,500
Automotive & miscellaneous repair services	9,800	9,900	9,100	-100	700
Amusement & Recreation Services / Movie	10,900	12,100	9,400	-1,200	1,500
Health Services	63,500	63,400	62,800	100	700
Legal Services	6,700	6,700	6,800	0	-100
Educational Services (private)	7,600	8,000	7,300	-400	300
Social Services	12,300	12,300	11,700	0	600
Membership Organizations	13,400	13,400	13,000	0	400
Engineering & Management Services	21,000	20,900	20,300	100	700
TOTAL GOVERNMENT	122,500	125,400	122,000	-2,900	500
TOTAL FEDERAL GOVERNMENT	31,100	31,400	30,900	-300	200
TOTAL STATE GOVERNMENT	18,500	18,800	17,900	-300	600
TOTAL LOCAL GOVERNMENT	72,900	75,200	73,200	-2,300	-300

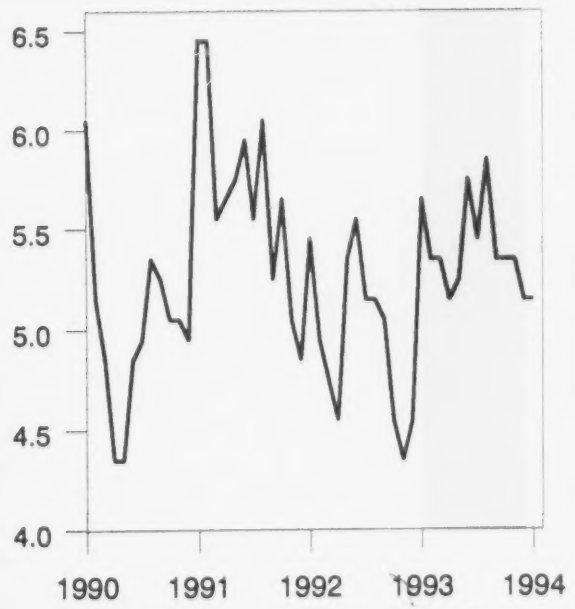
P = **Preliminary**

Production Workers Average Hours and Earnings — Kansas City MSA

Industry	Production Workers			Average Weekly Hours			Average Hourly Earnings			Average Weekly Earnings		
	Jan 1994[P]	Dec 1993	Jan 1993	Jan 1994[P]	Dec 1993	Jan 1993	Jan 1994[P]	Dec 1993	Jan 1993	Jan 1994[P]	Dec 1993	Jan 1993
GOODS PRODUCING	96,000	98,500	92,300	40.2	42.1	39.1	$14.48	$14.70	$13.97	$582.10	$618.87	$546.23
CONSTRUCTION & MINING	23,800	26,800	21,000	34.7	38.0	32.7	16.73	17.10	17.18	580.53	649.80	561.79
MANUFACTURING	72,200	71,700	71,300	41.9	43.7	40.9	13.86	13.92	13.22	580.73	608.30	540.70
DURABLE GOODS	35,200	34,900	34,500	42.6	44.8	41.3	14.91	14.93	14.27	635.17	668.[illegible]	589.35
Lumber, Wood, Furniture	2,600	2,600	2,400	40.0	42.8	39.9	9.08	9.40	8.98	363.20	402.[illegible]	358.30
Stone, Clay & Glass Products	2,500	2,600	2,400	35.9	39.0	32.8	12.15	12.55	13.16	436.19	489.45	431.65
Fabricated Metal Products	6,800	6,800	7,100	39.1	42.6	38.9	12.78	12.95	12.50	499.70	551.67	486.25
Industrial Machinery & Equipment	5,400	5,500	5,000	41.1	42.1	40.3	12.28	12.92	12.33	504.71	543.93	496.90
Electronic & Other Electrical Eqp	5,500	5,400	5,200	39.8	43.1	41.3	13.53	13.49	12.36	538.49	581.42	510.47
Transportation Equipment	8,300	8,000	8,200	49.8	49.4	44.6	20.41	20.53	19.24	1,016.42	1,014.18	858.10
NONDURABLE GOODS	37,000	36,800	36,800	41.3	42.6	40.6	12.82	12.92	12.22	529.47	550.39	496.13
Food & Kindred Products	6,600	6,600	6,500	38.2	40.4	37.2	12.30	12.54	12.13	469.86	506.62	451.24
Paper & Allied Products	5,000	4,900	4,700	44.4	44.1	40.7	12.04	11.79	11.37	534.58	519.94	462.76
Chemicals & Allied Products	3,700	3,600	4,000	41.4	41.8	42.1	20.60	20.38	16.97	852.84	851.88	714.44
PRIVATE SERVICE PRODUCING	440,300	446,900	420,100	34.1	34.1	33.4	10.45	10.39	10.29	356.35	354.30	343.69
TRANSPORTATION & PUBLIC UTILS	36,200	36,300	34,400	40.3	39.9	40.8	16.61	16.24	15.75	669.38	647.98	642.60
TRADE	171,500	176,400	164,800	31.6	32.3	30.6	8.43	8.42	8.57	266.39	271.97	262.24
WHOLESALE TRADE	46,000	46,600	44,700	39.7	39.1	39.7	11.42	11.71	11.32	453.37	457.86	449.40
Wholesale Trade - Durable Gds	27,800	28,300	27,100	39.7	39.7	39.2	11.39	11.58	11.40	452.18	459.73	446.88
Wholesale Trade - Nondur Gds	18,200	18,300	17,600	39.8	38.2	40.5	11.46	11.91	11.21	456.11	454.96	454.01
RETAIL TRADE	125,500	129,800	120,100	28.7	29.9	27.2	6.91	6.88	7.08	198.32	205.71	192.58
FINANCE, INSURANCE,REAL ESTATE	49,400	49,400	47,700	40.6	39.0	41.3	11.07	11.02	11.14	449.44	429.78	460.08
SERVICES	183,200	184,800	173,200	33.4	33.3	32.3	10.57	10.63	10.18	353.04	353.98	328.81

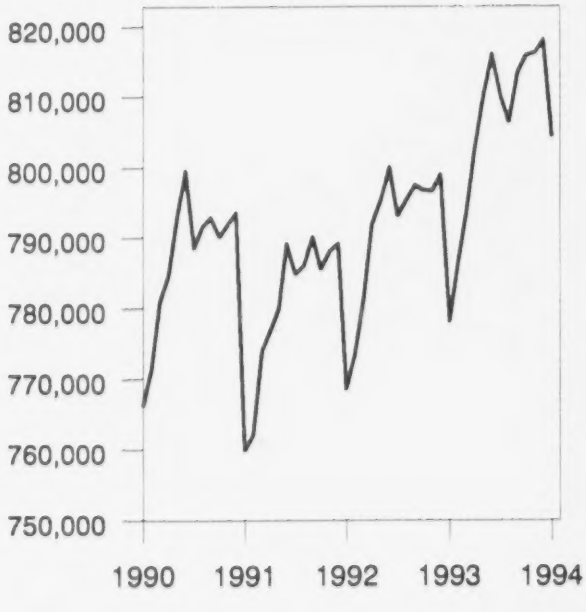
P = Preliminary

Kansas City MSA Unemployment Rate



Series contains noncomparable data. See page 3.

Kansas City MSA Payroll Employment



Springfield Labor Market Review

Linda Rackers, Analyst

Civilian Labor Force Employment and Unemployment

During 1993 the Springfield MSA labor force averaged approximately 149,700. The number of unemployed and the rate of unemployment averaged 7,800 and 5.2 percent respectively.

The January 1994 labor force is estimated at 154,200 and the unemployment rate at 5.2 percent. The January 1993 figures were 147,000 and 5.6 percent. These year-ago estimates have been revised but are not directly comparable to the 1994 data because of methodological changes.

Nonagricultural Wage and Salary Employment

Payroll employment plunged from 143,900 in December to 140,000 in January. This drop was mostly seasonal in nature and occurred mainly in the nonmanufacturing sector. The number of manufacturing jobs, estimated at 21,300, shows a slight decrease from December. The trade industry recorded the most significant change with a decrease of 2,000 jobs. This sizeable drop took place as the Christmas season ended.

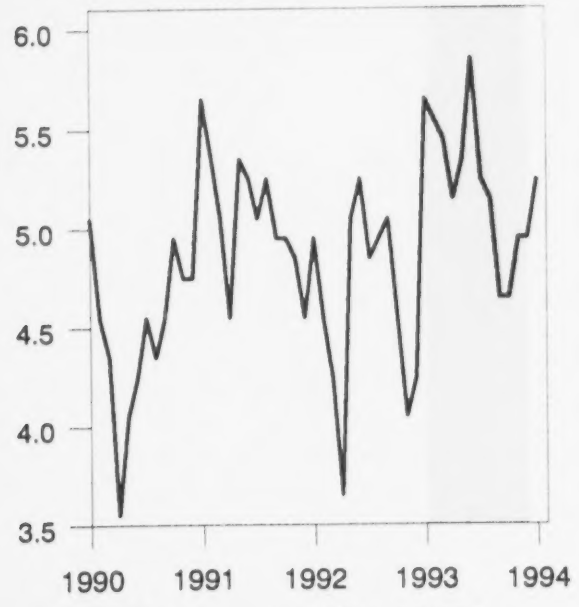
Hours and Earnings

Average hourly earnings of manufacturing production and related workers remained the same for December and January at $10.01. However, average weekly hours dropped from 40.3 hours in December to 38.8 hours in January. As a result of the decrease in average weekly hours, the average weekly earnings also decreased.

Employment and Unemployment Outlook

The number of unemployed persons is expected to change very little during February. The rate of unemployment will probably remain near the January level.

Springfield MSA Unemployment Rate



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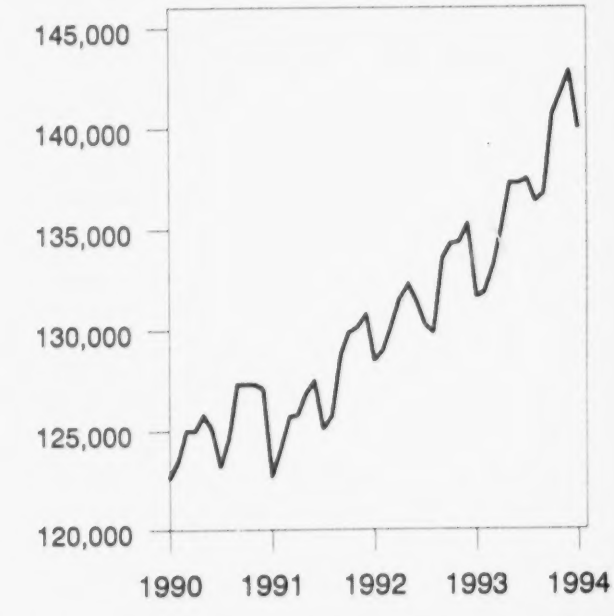
Springfield MSA Payroll Employment



Nonagricultural Wage & Salary Employment — Springfield MSA

Industry	Number of Jobs			Change from:	
	Jan. 1994P	Dec. 1993	Jan. 1993	Dec. 1993	Jan. 1993
TOTAL NONAGRICULTURAL	140,000	143,900	131,900	-3,900	8,100
GOODS PRODUCING	27,000	27,500	25,800	-500	1,200
CONSTRUCTION & MINING	5,700	6,000	4,300	-300	900
MANUFACTURING	21,300	21,500	21,000	-200	300
DURABLE GOODS	10,000	10,100	10,000	-100	0
Industrial Machinery & Equipment	2,400	2,400	2,400	0	0
Electronic & Other Electrical Equipment	3,100	3,100	3,200	0	-100
NONDURABLE GOODS	11,300	11,400	11,000	-100	300
Paper & Allied Products	1,400	1,400	1,500	0	-100
Printing & Publishing	2,200	2,200	2,200	0	0
SERVICE PRODUCING	113,000	116,400	106,100	-3,400	6,900
PRIVATE SERVICE PRODUCING	95,200	97,700	89,000	-2,500	6,200
TRANSPORTATION & PUBLIC UTILITIES	8,100	8,400	7,700	-300	400
Railroad Transportation	900	900	900	0	0
TRADE	39,000	41,000	36,500	-2,000	2,500
WHOLESALE TRADE	10,400	10,500	9,900	-100	500
Wholesale Trade - Durable Goods	5,500	5,500	5,200	0	300
Wholesale Trade - Nondurable Goods	4,900	5,000	4,700	-100	200
RETAIL TRADE	28,600	30,500	26,600	-1,900	2,000
Eating & drinking places	10,300	11,000	9,300	-700	1,000
Retail Trade exc eating & drinking places	18,300	19,500	17,300	-1,200	1,000
FINANCE, INSURANCE, & REAL ESTATE	6,300	6,300	5,800	0	500
SERVICES	41,800	42,000	39,000	-200	2,800
Personal & Business Services	8,900	9,000	7,800	-100	1,100
Health Services	16,400	16,300	16,100	100	300
TOTAL GOVERNMENT	17,800	18,700	17,100	-900	700
TOTAL FEDERAL GOVERNMENT	2,200	2,400	2,200	-200	0
TOTAL STATE GOVERNMENT	5,400	6,000	5,200	-600	200
TOTAL LOCAL GOVERNMENT	10,200	10,300	9,700	-100	500

P = **Preliminary**

Production Workers Average Hours and Earnings — Springfield MSA

Industry	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993	Jan 1994P	Dec 1993	Jan 1993
GOODS PRODUCING	20,300	20,800	18,800	37.6	39.4	38.7	$10.54	$10.56	$10.35	$396.30	$416.06	$400.55
CONSTRUCTION & MINING	4,300	4,600	3,400	33.2	36.2	34.4	12.81	12.72	12.53	425.29	460.46	431.03
MANUFACTURING	16,000	16,200	15,400	38.8	40.3	39.7	10.01	10.01	9.93	388.39	403.40	394.22
DURABLE GOODS	7,600	7,700	7,400	39.8	41.4	40.0	10.15	10.20	9.66	403.97	422.28	386.40
Industrial Machinery & Equipment	1,700	1,700	1,600	40.3	41.6	40.0	11.38	11.47	11.18	458.61	477.15	447.20
Electronic & Other Electrical Eqp	2,400	2,400	2,500	40.4	41.7	39.1	9.38	9.73	9.17	378.95	405.74	358.55
NONDURABLE GOODS	8,400	8,500	8,000	37.9	39.4	39.5	9.88	9.83	10.18	374.45	387.30	402.11
Paper & Allied Products	1,200	1,200	1,200	38.3	42.6	41.7	11.31	11.25	10.94	433.17	479.25	456.20
Printing & Publishing	1,400	1,400	1,400	38.3	38.5	37.7	10.39	10.21	10.25	397.94	393.09	386.43
PRIVATE SERVICE PRODUCING	79,000	81,300	73,800	32.6	33.8	31.5	7.83	7.69	7.62	255.26	259.92	240.03
TRANSPORTATION & PUBLIC UTILS	6,600	7,000	6,400	33.8	32.8	33.9	11.66	11.06	10.41	394.11	362.77	352.90
TRADE	35,400	37,200	32,800	30.5	32.4	30.6	7.77	7.63	7.95	236.99	247.21	243.27
WHOLESALE TRADE	8,900	9,000	8,200	39.3	40.4	39.4	11.14	11.27	11.26	437.80	455.31	443.64
Wholesale Trade - Durable Gds	4,600	4,700	4,200	40.4	40.6	38.7	9.59	9.66	9.30	387.44	392.20	359.91
Wholesale Trade - Nondur Gds	4,300	4,300	4,000	38.0	40.2	40.2	12.95	13.06	13.24	492.10	525.01	532.25
RETAIL TRADE	26,500	28,200	24,600	27.6	29.9	27.7	6.16	6.06	6.39	170.02	181.19	177.00
FINANCE, INSURANCE,REAL ESTATE	4,900	4,900	4,100	37.4	36.1	33.0	7.19	7.33	6.48	268.91	264.61	213.84
SERVICES	32,100	32,200	30,500	34.0	35.2	31.7	7.22	7.12	6.81	245.48	250.62	215.88

P = **Preliminary**

Substate Labor Force Data

Substate labor force data are currently being revised back to 1990. These changes include implementation of the new MSA/LMA definitions, incorporation of 1990 Census and other revised input data, and adjustment to the newly-revised statewide labor force data. The 1993 labor force data appearing in this issue include these revisions, but the data are still provisional (unofficial) and subject to change.

Data for the 1990-1993 period will not be comparable to data for 1989 and earlier years. Similarly, these data are not directly comparable to 1994 data. For this reason, the 1993 labor force data appearing in this publication have been shaded, to show that they are not directly comparable to other years.

Revised data will be available, on request, when they become official.

Metropolitan Statistical Areas

St. Louis MSA

Missouri - Franklin County
Jefferson County
Lincoln County*
St. Charles County
St. Louis County
Warren County*
St. Louis City
Illinois - Clinton County
Jersey County
Madison County
Monroe County
St. Clair County

Kansas City MSA

Missouri - Cass County
Clay County
Clinton County*
Jackson County
Lafayette County
Platte County
Ray County
Kansas - Johnson County
Leavenworth County
Miami County
Wyandotte County

Springfield MSA

Christian County
Greene County
Webster* County

Joplin MSA

Jasper County
Newton County

Columbia MSA

Boone County

St. Joseph MSA

Andrew County*
Buchanan County

**New county*

Labor Market Areas

Adair-Schuyler LMA

Adair County
Schuyler County

Butler-Carter-Ripley LMA

Butler County
Carter County
Ripley County

Camden-Miller LMA

Camden County
Miller County

Cape Girardeau-Scott-New Madrid LMA

Bollinger County
Cape Girardeau County
Mississippi County
New Madrid County
Scott County

Cole-Callaway-Moniteau LMA

Callaway County
Cole County
Moniteau County
Osage County

Howell-Oregon-Shannon LMA

Howell County
Oregon County
Shannon County

Lawrence-Barry LMA

Barry County
Lawrence County

Marion-Ralls LMA

Marion County
Ralls County

Phelps-Maries LMA

Maries County
Phelps County

St. Francois-Washington LMA

St. Francois County
Washington County

Revised Annual Average Nonagricultural Wage & Salary Employment

Industry	Missouri		St. Louis MSA		Kansas City MSA		Springfield MSA	
	1992	1993	1992	1993	1992	1993	1992	1993
TOTAL NONAGRICULTURAL	2,333,700	2,394,600	1,170,100	1,184,500	790,700	805,500	131,700	137,900
GOODS PRODUCING	507,700	511,100	254,700	252,100	137,400	139,200	26,900	26,900
MINING	4,800	4,400						
CONSTRUCTION	90,900	95,400						
CONSTRUCTION & MINING	51,900	54,100	32,500	33,600	5,100	5,800		
General Building Contractors	23,800	25,100	12,900	13,700	6,300	6,700		
Heavy Construction	11,200	11,600						
Special Trade Contractors	55,900	58,700	31,300	33,200	21,400	21,700		
MANUFACTURING	412,000	411,300	202,900	198,000	104,800	105,600	21,800	21,100
DURABLE GOODS	225,200	222,800	123,700	118,400	49,300	49,200	10,700	10,000
Lumber & Wood Products	11,400	11,700						
Lumber, Wood, Furniture	6,500	5,900	3,400	3,400				
Furniture & Fixtures	12,700	12,900						
Stone, Clay & Glass Products	10,100	10,300	2,900	2,900	3,200	3,400		
Primary Metal Industries	11,200	11,700	13,100	13,100				
Fabricated Metal Products	34,000	33,500	15,800	15,400	13,100	12,600		
Industrial Machinery & Equipment	31,200	32,600	17,300	17,300	7,000	7,700	2,500	2,400
Electronic & Other Electrical Equipment	32,100	31,700	10,300	10,300	7,300	7,200	3,800	3,100
Transportation Equipment	62,700	58,500	45,800	41,100	9,000	8,500		
Motor vehicles & equipment	27,000	27,100	14,300	13,700				
Aircraft & parts	31,000	27,400	29,800	26,700				
Instruments & Related Products	11,800	11,500	8,600	8,700				
NONDURABLE GOODS	186,800	188,400	79,200	79,600	55,500	56,300	11,200	11,100
Food & Kindred Products	48,100	49,700	20,200	20,500	8,100	8,400		
Beverages	9,200	9,500	8,400	8,500				
Textile Mill Products & Apparel	22,300	22,700						
Textiles, Apparel, & Leather	7,800	7,700						
Paper & Allied Products	14,100	14,000	5,900	5,900	6,100	6,100	1,500	1,400
Printing & Publishing	42,600	42,800	16,900	16,900	22,100	22,700	2,300	2,200
Chemicals & Allied Products	29,100	28,700	18,500	18,500	10,000	9,600		
Petroleum,Coal,Plastics Products	9,900	10,100						
Leather & Leather Products	11,800	11,100						
SERVICE PRODUCING	1,825,900	1,883,500	915,300	932,400	653,400	666,300	104,800	110,900
PRIVATE SERVICE PRODUCING	1,455,300	1,506,200	768,700	783,800	529,500	541,800	88,000	93,600
TRANSPORTATION & PUBLIC UTILITIES	151,100	152,900	77,200	76,800	63,400	63,900	7,700	8,100
COMMUNICATIONS & PUBLIC UTILITIES	29,000	29,000	24,400	25,000				
Railroad Transportation	8,900	8,700	5,100	4,900	4,600	4,500	900	900
Trucking & Warehousing	48,200	48,600	19,300	19,400	18,800	18,800		
Transportation by Air	18,500	18,300	11,000	11,200	7,700	7,100		
Communications	35,600	36,100						
Electric, Gas & Sanitary Service	20,700	20,600						
TRADE	558,300	568,500	280,200	281,800	197,300	198,300	37,300	38,900
WHOLESALE TRADE	138,000	137,200	67,400	66,900	56,500	56,100	11,400	10,300
Wholesale Trade - Durable Goods	77,600	75,800	41,000	40,300	34,500	34,200	6,600	5,400
Motor vehicles, parts & supplies	12,400	12,300						
Lumber & construction materials	4,400	4,500						
Professional & commercial equipment	15,600	15,100						
Electrical goods	8,600	8,700						
Hardware, plumbing & heating equipment	6,000	6,100						
Machinery, equipment & supplies	17,700	17,300						
Wholesale Trade - Nondurable Goods	60,400	61,400	26,400	26,600	22,000	21,900	4,800	4,900
Groceries & related	17,800	17,900						
Petroleum & petroleum products	5,000	4,800						
Beer, wine & distilled beverages	3,100	3,000						
RETAIL TRADE	420,300	431,400	212,800	214,900	140,900	142,200	25,800	28,600
Building materials & garden supplies	18,000	18,300	8,200	8,300	6,400	6,600		
General merchandise stores	57,200	59,600	30,600	30,800	21,000	21,000		
Food stores	59,600	60,400	31,200	31,900	19,400	18,900		
Automotive dealers/service stations	51,500	52,600	21,500	21,900	15,500	15,900		
Apparel & accessory stores	22,300	22,300	13,200	12,600	6,400	6,400		
Furniture & homefurnishing stores	14,800	15,100	8,500	8,400	5,400	5,400		
Eating & drinking places	152,500	158,100	77,500	79,300	48,600	50,900	9,500	10,400
Retail Trade exc eating & drinking places	16,300	18,200						
FINANCE, INSURANCE, & REAL ESTATE	137,500	140,700	73,000	73,200	60,600	62,000	5,700	6,100
Depository Institutions	45,100	45,700	22,500	22,700	15,300	15,300		
Nondepository Institutions	8,400	8,700	6,100	6,100				
Security & Commodity Brokers	12,500	13,800						
Insurance Carriers	30,600	30,500	16,500	15,800				
Insurance Agents, Brokers	13,700	13,900	6,900	6,800				
Real Estate	23,000	24,300	12,100	12,700				
Holding & Other Investment Offices	4,100	3,800						
SERVICES	608,400	644,100	338,300	351,900	208,200	217,600	37,300	40,500
Hotels & Other Lodging Places	29,300	30,000						
Personal Services	26,200	26,700	14,300	14,400	10,100	10,200		
Personal & Business Services	6,900	8,400						
Business Services	98,500	107,600	60,900	63,900	44,500	48,400		
Auto Repair, Services, Parking	19,800	21,100	11,100	11,200				
Automotive & miscellaneous repair services	9,000	9,600						
Amusement & Recreation Services / Movie	32,100	33,900	18,000	18,900	11,500	12,500		
Health Services	206,300	215,400	110,200	115,400	61,700	63,700	15,700	16,300
Hospitals (private)	99,500	103,100	58,900	60,900				
Legal Services	15,000	15,300	8,400	8,500	6,800	6,800		
Educational Services (private)	40,500	42,400	30,600	31,300	7,200	7,400		
Social Services	41,500	44,800	20,500	21,900	11,500	12,300		
Membership Organizations	45,300	50,200	20,200	20,600	13,100	13,300		
Engineering & Management Services	35,700	37,800	21,900	22,800	19,800	20,900		
Agricultural Services	10,200	10,600						
TOTAL GOVERNMENT	370,700	377,300	146,600	148,600	123,900	124,500	16,900	17,400
TOTAL FEDERAL GOVERNMENT	69,800	68,800	36,100	35,300	31,800	32,100	2,200	2,200
TOTAL STATE GOVERNMENT	90,300	92,100	19,500	19,700	18,000	18,400	5,300	5,500
TOTAL LOCAL GOVERNMENT	210,600	216,400	91,100	93,600	74,100	74,000	9,400	9,700

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